

PATENT APPLICATION SERIAL NO.

9/030571

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

04/29/1999 TSTOKES 00000001 081290 09030571

01 FC:101	790.00 CH
02 FC:102	492.00 CH
03 FC:103	968.00 CH

03/05/1998 PSTANBAC 00000010 DAW:081290 09030571

01 FC:101	790.00 OP.	
02 FC:103	633.00 CH	335.00 OP.
03 FC:102	492.00 CH	

Adjustment date: 04/16/1999 TSTOKES 03/05/19

98 PSTANBAC 00000010 081290 09030571
03 FC:102 492.00 CR

A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application
Assistant Commissioner For Patents
Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Charles R. Cantor and Marek Prezetakiewicz for **Positional Sequencing by Hybridization**.

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the U.S. Postal Service on this date **February 24, 1998** in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number **EL 042 152 761 US** addressed to: **Box Patent Application**, Assistant Commissioner For Patents, Washington, D.C. 20231.

Linda P. Collins
Linda P. Collins

1. Type Of Application

This new application is for a(n)

- ☒ Original (nonprovisional).
☒ Continuation.

2. Benefit Of Prior U.S. Application(s) (35 U.S.C. §§ 119(e), 120, or 121)

- ☒ The new application being transmitted claims the benefit of prior U.S. application(s) and enclosed are **ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED**.

3. Papers Enclosed That Are Required For Filing Date Under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application

- 58 Pages of Specification;
11 Pages of Claims;
1 Page of Abstract; and
14 Sheets of Informal Drawings.

4. Declaration

- ☒ Enclosed.
☒ Unexecuted.

5. Assignment

- ☒ Enclosed.
☒ Unexecuted.

6. Inventorship Statement

The inventorship for all the claims in this application is:

- ☒ the same.

7. Language

- ☒ English.

8. Fee Calculation (37 C.F.R. § 1.16)

☒ Regular application.

CLAIMS AS FILED

Number Filed	Number Extra	Rate	Basic Fee - \$790.00 (37 C.F.R. § 1.16(a))
Total Claims (37 C.F.R. § 1.16(c))	64 - 20 =	44 × \$22.00 =	\$968.00
Independent Claims (37 C.F.R. § 1.16(b))	9 - 3 =	6 × \$82.00 =	\$492.00
Multiple Dependent Claim(s), if any (37 C.F.R. § 1.16(d))	+ \$270.00 =		\$0.00
Filing Fee Calculation			\$2250.00

9. Small Entity Statement(s)

☒ Verified Statement(s) that this is a filing by a small entity under 37 C.F.R. §§ 1.9 and 1.27 is(are) attached.☒ Unexecuted.**Filing Fee Calculation (50% of above)** \$1125.00

10. Fee Payment Being Made At This Time

☒ Enclosed.☒ basic filing fee \$1125.00**Total Fees Enclosed** \$1125.00

11. Method of Payment of Fees

☒ Check in the amount of \$1125.00

12. Authorization To Charge Additional Fees and Credit Overpayment

☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No.: 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.

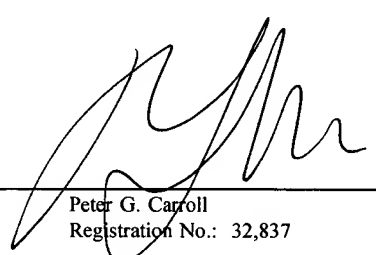
13. Power of Attorney by Assignee

☒ Enclosed.☒ Unexecuted.

14. Return Receipt Postcard

☒ Enclosed.

Dated: February 24, 1998



Peter G. Carroll
Registration No.: 32,837

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☒ Incorporation By Reference Of Added Pages☒ Plus Added Pages For New Application Transmittal Where Benefit Of Prior U.S. Application(s) Claimed.

Number of pages added: 1

WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

15. Maintenance Of Copendency Of Prior Application

- ☒ Extension of time in prior application
- ☒ A petition, fee and response extends the term in the pending prior application until 02/28/98.

16. **Further Inventorship Statement Where Benefit Of Prior Application(s) Claimed**

- a. This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventor(s) in this application are ☒ the same.

17. **Abandonment Of Prior Application** (if applicable)

- ☒ Please abandon the prior application at a time while the prior application is pending, or when the petition for extension of time or to revive in that application is granted, and when this application is granted a filing date, so as to make this application copending with said prior application.

Figure 1 consists of 12 histograms arranged in a single row. Each histogram represents the frequency distribution of the number of non-zero elements in the vector x for a specific value of n . The x-axis for all histograms is labeled 'x' and ranges from 0 to 120. The y-axis is labeled 'Frequency' and ranges from 0 to 100. The histograms are for $n = 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120$. As n increases, the distribution of non-zero elements becomes more concentrated around n , and the peak frequency increases.